

Jonde

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/510,107
Source: PCT/10
Date Processed by STIC: 6/15/05

ENTERED



PCT

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/510,107

DATE: 06/15/2005
TIME: 15:03:02

Input Set : A:\15011276.app
Output Set: N:\CRF4\06152005\J510107.raw

```

3 <110> APPLICANT: OLSSON, CHARLOTTA
4      TOOKE, NIGEL
6 <120> TITLE OF INVENTION: NEW METHOD
8 <130> FILE REFERENCE: 1501-1276
10 <140> CURRENT APPLICATION NUMBER: 10/510,107
11 <141> CURRENT FILING DATE: 2004-10-04
13 <150> PRIOR APPLICATION NUMBER: PCT/SE03/00547
14 <151> PRIOR FILING DATE: 2003-04-04
16 <150> PRIOR APPLICATION NUMBER: 60/369,599
17 <151> PRIOR FILING DATE: 2002-04-04
19 <150> PRIOR APPLICATION NUMBER: SE 0201024-7
20 <151> PRIOR FILING DATE: 2002-04-04
22 <160> NUMBER OF SEQ ID NOS: 26
24 <170> SOFTWARE: PatentIn Ver. 3.3
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 24
28 <212> TYPE: DNA
29 <213> ORGANISM: Artificial Sequence
31 <220> FEATURE:
32 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
33      oligonucleotide
35 <220> FEATURE:
36 <221> NAME/KEY: modified_base
37 <222> LOCATION: (1)..(6)
38 <223> OTHER INFORMATION: a, c, g, or t
40 <220> FEATURE:
41 <221> NAME/KEY: modified_base
42 <222> LOCATION: (12)..(24)
43 <223> OTHER INFORMATION: a, c, g, or t
45 <400> SEQUENCE: 1
W--> 46 nnnnnngtct gnnnnnnnnn nnnn          24
49 <210> SEQ ID NO: 2
50 <211> LENGTH: 23
51 <212> TYPE: DNA
52 <213> ORGANISM: Artificial Sequence
54 <220> FEATURE:
55 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
56      oligonucleotide
58 <400> SEQUENCE: 2
59 gtaaaacgac ggccagtctg aac          23
62 <210> SEQ ID NO: 3
63 <211> LENGTH: 36
64 <212> TYPE: DNA

```

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/510,107

DATE: 06/15/2005
TIME: 15:03:02

Input Set : A:\15011276.app
Output Set: N:\CRF4\06152005\J510107.raw

65 <213> ORGANISM: Artificial Sequence
67 <220> FEATURE:
68 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
69 oligonucleotide
71 <400> SEQUENCE: 3
72 gcttggaaattc gttcagactg gccgtcggtt tacaac 36
75 <210> SEQ ID NO: 4
76 <211> LENGTH: 20
77 <212> TYPE: DNA
78 <213> ORGANISM: Artificial Sequence
80 <220> FEATURE:
81 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
82 oligonucleotide
84 <400> SEQUENCE: 4
85 gtaaaaacgac ggccagtctc 20
88 <210> SEQ ID NO: 5
89 <211> LENGTH: 33
90 <212> TYPE: DNA
91 <213> ORGANISM: Artificial Sequence
93 <220> FEATURE:
94 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
95 oligonucleotide
97 <400> SEQUENCE: 5
98 gcttggaaattc gagactggcc gtcgttttac aac 33
101 <210> SEQ ID NO: 6
102 <211> LENGTH: 19
103 <212> TYPE: DNA
104 <213> ORGANISM: Artificial Sequence
106 <220> FEATURE:
107 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
108 oligonucleotide
110 <400> SEQUENCE: 6
111 gtaaaaacgac ggccagtac 19
114 <210> SEQ ID NO: 7
115 <211> LENGTH: 35
116 <212> TYPE: DNA
117 <213> ORGANISM: Artificial Sequence
119 <220> FEATURE:
120 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
121 oligonucleotide
123 <400> SEQUENCE: 7
124 gcttggaaattc gtcgtactgg ccgtcggtt acaac 35
127 <210> SEQ ID NO: 8
128 <211> LENGTH: 20
129 <212> TYPE: DNA
130 <213> ORGANISM: Artificial Sequence
132 <220> FEATURE:
133 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
134 oligonucleotide

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/10/510,107
 DATE: 06/15/2005
 TIME: 15:03:02
 Input Set : A:\15011276.app
 Output Set: N:\CRF4\06152005\J510107.raw

```

136 <400> SEQUENCE: 8
137 gtaaaaacgac ggccagtacc 20
140 <210> SEQ ID NO: 9
141 <211> LENGTH: 36
142 <212> TYPE: DNA
143 <213> ORGANISM: Artificial Sequence
145 <220> FEATURE:
146 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
147 oligonucleotide
149 <400> SEQUENCE: 9
150 gcttggattc gtcgttactg gccgtcggtt tacaac 36
153 <210> SEQ ID NO: 10
154 <211> LENGTH: 21
155 <212> TYPE: DNA
156 <213> ORGANISM: Artificial Sequence
158 <220> FEATURE:
159 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
160 oligonucleotide
162 <400> SEQUENCE: 10
163 gtaaaaacgac ggccagtacc c 21
166 <210> SEQ ID NO: 11
167 <211> LENGTH: 37
168 <212> TYPE: DNA
169 <213> ORGANISM: Artificial Sequence
171 <220> FEATURE:
172 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
173 oligonucleotide
175 <400> SEQUENCE: 11
176 gcttggattc gtcgttactg gccgtcggtt ttacaac 37
179 <210> SEQ ID NO: 12
180 <211> LENGTH: 22
181 <212> TYPE: DNA
182 <213> ORGANISM: Artificial Sequence
184 <220> FEATURE:
185 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
186 oligonucleotide
188 <400> SEQUENCE: 12
189 gtaaaaacgac ggccagtacc cc 22
192 <210> SEQ ID NO: 13
193 <211> LENGTH: 38
194 <212> TYPE: DNA
195 <213> ORGANISM: Artificial Sequence
197 <220> FEATURE:
198 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
199 oligonucleotide
201 <400> SEQUENCE: 13
202 gcttggattc gtcgttactg gccgtcggtt ttacaac 38
205 <210> SEQ ID NO: 14
206 <211> LENGTH: 26

```

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/510,107

DATE: 06/15/2005
TIME: 15:03:02

Input Set : A:\15011276.app
Output Set: N:\CRF4\06152005\J510107.raw

207 <212> TYPE: DNA
208 <213> ORGANISM: Artificial Sequence
210 <220> FEATURE:
211 <223> OTHER INFORMATION: Description of Combined DNA/RNA Molecule:
212 Synthetic oligonucleotide
214 <220> FEATURE:
215 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
216 oligonucleotide
218 <400> SEQUENCE: 14
219 gtaaaaacgac ggccagtuca gacgaa 26
222 <210> SEQ ID NO: 15
223 <211> LENGTH: 36
224 <212> TYPE: DNA
225 <213> ORGANISM: Artificial Sequence
227 <220> FEATURE:
228 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
229 oligonucleotide
231 <400> SEQUENCE: 15
232 gcttggaaattc gtctgaactg gccgtcgttt tacaac 36
235 <210> SEQ ID NO: 16
236 <211> LENGTH: 18
237 <212> TYPE: DNA
238 <213> ORGANISM: Artificial Sequence
240 <220> FEATURE:
241 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
242 oligonucleotide
244 <400> SEQUENCE: 16
245 gtaaaaacgac ggccagtc 18
248 <210> SEQ ID NO: 17
249 <211> LENGTH: 18
250 <212> TYPE: DNA
251 <213> ORGANISM: Artificial Sequence
253 <220> FEATURE:
254 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
255 oligonucleotide
257 <400> SEQUENCE: 17
258 gtaaaaacgac ggccagta 18
261 <210> SEQ ID NO: 18
262 <211> LENGTH: 35
263 <212> TYPE: DNA
264 <213> ORGANISM: Artificial Sequence
266 <220> FEATURE:
267 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
268 oligonucleotide
270 <400> SEQUENCE: 18
271 gcttggaaattc gtcgtactgg ccgtcgttt acaac 35
274 <210> SEQ ID NO: 19
275 <211> LENGTH: 18
276 <212> TYPE: DNA

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/510,107
DATE: 06/15/2005
TIME: 15:03:02

Input Set : A:\15011276.app
Output Set: N:\CRF4\06152005\J510107.raw

277 <213> ORGANISM: Artificial Sequence
279 <220> FEATURE:
280 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
281 oligonucleotide
283 <400> SEQUENCE: 19
284 gtaaaaacgac ggccagtg 18
287 <210> SEQ ID NO: 20
288 <211> LENGTH: 36
289 <212> TYPE: DNA
290 <213> ORGANISM: Artificial Sequence
292 <220> FEATURE:
293 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
294 oligonucleotide
296 <400> SEQUENCE: 20
297 gcttggaaattc gtcatcaactg gccgtcggttt tacaac 36
300 <210> SEQ ID NO: 21
301 <211> LENGTH: 18
302 <212> TYPE: DNA
303 <213> ORGANISM: Artificial Sequence
305 <220> FEATURE:
306 <223> OTHER INFORMATION: Description of Combined DNA/RNA Molecule:
307 Synthetic oligonucleotide
309 <220> FEATURE:
310 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
311 oligonucleotide
313 <400> SEQUENCE: 21
314 gtaaaaacgac ggccagtu 18
317 <210> SEQ ID NO: 22
318 <211> LENGTH: 36
319 <212> TYPE: DNA
320 <213> ORGANISM: Artificial Sequence
322 <220> FEATURE:
323 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
324 oligonucleotide
326 <400> SEQUENCE: 22
327 gcttggaaattc gtcgcactg gccgtcggttt tacaac 36
330 <210> SEQ ID NO: 23
331 <211> LENGTH: 36
332 <212> TYPE: DNA
333 <213> ORGANISM: Artificial Sequence
335 <220> FEATURE:
336 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
337 oligonucleotide
339 <400> SEQUENCE: 23
340 gcttggaaattc gtatgcactg gccgtcggttt tacaac 36
343 <210> SEQ ID NO: 24
344 <211> LENGTH: 37
345 <212> TYPE: DNA
346 <213> ORGANISM: Artificial Sequence

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 06/15/2005
PATENT APPLICATION: US/10/510,107 TIME: 15:03:03

Input Set : A:\15011276.app
Output Set: N:\CRF4\06152005\J510107.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 1,2,3,4,5,6,12,13,14,15,16,17,18,19,20,21,22,23,24

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/510,107

DATE: 06/15/2005

TIME: 15:03:03

Input Set : A:\15011276.app

Output Set: N:\CRF4\06152005\J510107.raw

L:46 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0